

Utah Monthly Communicable Disease Report

September 2017



Background: The Utah Department of Health collects data on over 75 communicable diseases that affect the residents of Utah. These data are monitored by epidemiologists to detect changes in disease activity, and guide prevention and education efforts. More information can be found at <http://health.utah.gov/epi/>.

Note: Individual disease investigations take time to complete; for this reason, data in this report should be considered provisional and will change as more complete reports are received.

Current counts of selected reportable diseases,* compared to an historical 5-year average, September 2017

Disease/Condition	Sep 2017	5-yr Sep avg+	2017 YTD**	5-yr YTD avg+, **
Acinetobacter species resistant to carbapenems	1	U	11	U
Acute Flaccid Myelitis	0	U	1	U
Arbovirus infection (not including West Nile, Dengue, or Yellow Fever)	0	0.4	0	0.4
Babesiosis	0	0.0	0	0.0
Botulism, total	0	0.2	1	4.8
foodborne	0	0.0	0	0.4
infant	0	0.2	1	4.4
other (wound/unspecified)	0	0.0	0	0.0
Brucellosis	0	0.0	0	0.6
Campylobacteriosis	43	51.8	472	401.4
Chickenpox	11	18.8	149	179.4
Chlamydia	852	713.2	7596	6199.4
Cholera	0	0.0	0	0.0
Coccidioidomycosis	0	3.6	44	36.2
Colorado tick fever	0	0.0	0	0.4
Creutzfeldt-Jakob disease and other transmissible human spongiform encephalopathies	0	0.0	3	2.6
Cryptosporidiosis	17	23.6	101	112.0
Cyclosporiasis	3	0.2	13	1.8
Dengue	0	0.4	0	3.0
Ehrlichiosis/Anaplasmosis	0	0.2	1	0.6
Encephalitis	0	0.8	3	3.2
Enterobacter species resistant to carbapenems	0	U	0	U
Escherichia coli species with resistance or intermediate resistance to carbapenems	0	U	1	U
Giardiasis	19	25.0	163	175.6
Gonorrhea	210	131.0	1866	937.4
HIV infection	65	23.6	851	180.2
Haemophilus influenzae, all ages, invasive disease	3	3.4	46	32.0
nonserotype B, age < 5 years	1	0.4	6	1.4
serotype B, age < 5 years	0	0.0	0	0.0
unknown serotype, age < 5 years	0	0.2	5	1.6
Hansen's disease (Leprosy)	0	0.0	0	0.4
Hantavirus pulmonary syndrome	0	0.0	0	1.2
Hemolytic uremic syndrome, post-diarrheal	1	0.2	10	4.4
Hepatitis A	18	0.4	46	7.0
Hepatitis B, acute	0	0.4	6	6.8
Hepatitis B, chronic	28	26.2	237	220.4
Hepatitis C, acute	1	2.6	32	25.0
Hepatitis C, chronic	133	134.6	1560	1197.8
Hepatitis, other viral	0	0.0	0	1.0
Influenza-associated hospitalizations§	11	4.2	981	656.4
Influenza-associated pediatric mortality§	0	0.0	0	1.8
Klebsiella species resistant to carbapenems	0	U	5	U
Legionellosis	3	2.2	22	18.6
Leptospirosis	0	0.0	0	0.4
Listeriosis	2	1.0	4	2.6

*Anthrax, Chancroid, Diphtheria, Poliomyelitis (paralytic & nonparalytic), Psittacosis, Rabies (human), Rubella (congenital), Severe Acute Respiratory Syndrome (SARS), Smallpox, Syphilis (congenital), Tetanus, Vancomycin-resistant Staphylococcus aureus (VRSA), Viral hemorrhagic fevers, and Yellow fever are not included in this report as there have been no cases reported in the state of Utah in the last five years.

+Averages are susceptible to skewing due to outbreaks and should be interpreted with care.

**YTD indicates counts are year-to-date.

§Influenza is best assessed seasonally. Weekly updates are available at <http://health.utah.gov/epi/diseases/influenza/surveillance/index.html>.

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Lyme disease	1	1.6	12	11.6
Malaria	0	0.8	4	5.4
Measles	0	0.0	3	0.8
Meningitis, aseptic	0	3.6	31	28.8
Meningitis, bacterial, other	1	1.4	17	11.4
Meningitis, viral	3	6.2	43	27.8
Meningococcal disease (Neisseria meningitidis)	0	0.0	1	2.8
Mumps	1	0.0	36	1.6
Pertussis	11	67.8	318	729.2
Plague	0	0.0	0	0.2
Q fever	0	0.8	0	3.8
Rabies, animal	4	5.8	19	16.4
Relapsing fever, tick-borne and louse-borne	0	0.2	0	0.4
Rubella	0	0.0	0	0.2
Salmonellosis	30	32.4	322	277.8
Shiga toxin-producing Escherichia coli (STEC) infection	15	8.0	99	69.8
Shigellosis	4	4.6	26	30.8
Spotted Fever Rickettsiosis (Rocky Mountain Spotted Fever)	0	0.2	0	4.8
Streptococcal disease, invasive, group A	6	8.4	82	86.4
Streptococcal disease, invasive, group B	6	9.8	111	85.4
Streptococcal disease, invasive, other	38	26.0	340	230.0
Streptococcus pneumoniae, invasive disease	7	14.2	159	147.2
age < 5 years	1	1.8	15	16.6
Syphilis, early (infection < 12 months)	3	7.4	100	74.6
primary & secondary	2	3.8	58	48.6
early latent	1	3.6	42	26.0
Syphilis, latent (infection > 12 months)	2	6.6	47	44.4
Toxic shock syndrome (staphylococcal or streptococcal)	0	1.6	14	16.8
Trichinellosis	0	0.0	0	0.2
Tuberculosis, active	0	2.6	5	24.2
Tularemia	1	0.2	3	2.8
Typhoid fever	0	0.4	0	1.0
Vancomycin-intermediate Staphylococcus aureus (VISA)	0	0.0	0	0.2
Vibriosis	1	0.2	13	3.8
West Nile virus, total	24	3.2	54	7.0
neuroinvasive disease	18	1.8	31	4.0
nonneuroinvasive disease	6	1.4	23	3.0
Zika Virus Disease	0	U	4	U

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